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DONALD P. REYNOLDS

Name

Donald P. Reynolds

Signature

DOCKET: CU-1516

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re application of: Terumi SUNAGA ✓

SERIAL NO: 08/820,608 ✓

FILING DATE: March 19, 1997 ✓

TITLE: SPREAD SPECTRUM COMMUNICATION
TRANSMITTER AND RECEIVER, AND
CDMA MOBILE COMMUNICATION
SYSTEM ✓

) Group Art Unit: 2732

) Examiner: K. Vanderpuye

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DEC 13 2000

Technology Center 2600

The Assistant Commissioner for Patents
Washington, D.C. 20231

SUPPLEMENTAL AMENDMENT

Sir:

This is a supplement to the amendment filed September 20, 2000. Applicant requests that that amendment be entered with claims 8-17 cancelled. The remaining claims 18-20 were intended to place the claims that were objected to as depending from rejected claims in independent form and allowable condition. Applicant believes that the application will then be in a condition for allowance.

In the alternative, if the examiner is unable to enter the amendment filed September 20, applicant requests that the application be amended as follows.

In the Claims.

Please cancel claims 1-17.

Please add new claims 18-20 as follows.

Sub 18 (New) A transmitter used in a CDMA mobile communication system comprising:

- a pilot data generator which generates pilot data;
- a first modulator which modulates the pilot data;
- a second modulator which ^{spreads} a spectrum of modulated pilot data from the first modulator to thereby generate said pilot signal;